

LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

GENERAL INFORMATION:		DATE: 11 - 10 - 2004	
COUNTY: Essex	CONTRACTOR/MUNICIPALITY: Synagro Mid-Atlantic, Inc.		
NAME (OWNER/OPERATOR): Brooks site SW of intersection of SR612 and SR607			
INSPECTED BY: Scott Haley (writer)		PERMIT NO: VDH BUR 42	
FIELD NO: EX28 - 20, 21		ACRES:	
OTHERS PRESENT: none, telephone conversation with Ed Taylor of Maryland Environmental Service			
FIELD DATA/OBSERVATIONS:		TIME: 5:00 – 6:00PM	
WEATHER: Mostly cloudy, slight breeze from the south		SOIL CONDITIONS: Moist	
BIOSOLIDS SOURCE(s): Arlington, UOSA		BIOSOLIDS TYPE: lime stabilized	
SOIL pH: n/a		% SOLIDS OF BIOSOLIDS: @ 25	
APPLICATION RATE: N/A			
CROP AND EXPECTED YIELD: see monthly report			
LOAD TO DATE (WT): see monthly report			
BIOSOLIDS APPLIED:	<input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> DEWATERED		
MODE OF APPLICATION:	<input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> SURFACE W/INCORP. <input type="checkbox"/> INJECTION		
APPLICATION LIMITED BY:	<input checked="" type="checkbox"/> NITROGEN <input type="checkbox"/> pH		
	<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)		
	<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)		
	<input type="checkbox"/> OTHER (SPECIFY):		
FIELD OBSERVATIONS			<div style="display: flex; justify-content: space-between;"> <u>YES</u> <u>NO</u> </div>
	BUFFERS OBSERVED:		x
	UNIFORM APPLICATION:		x
	PROPER FIELD RECORDS: n/a		
	SIGNS OF RUNOFF:		X
	TRUCKS NON-SPILL/WATERTIGHT: n/a		
	CONDITION OF HAUL ROUTE SATISFACTORY:		x
ODORS PRESENT:	<input type="checkbox"/> NONE <input type="checkbox"/> NORMAL	<input type="checkbox"/> ABOVE NORMAL*	
OVERALL CONDITION OF SITE:	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> FAIR	<input type="checkbox"/> POOR	

<p><u>COMMENTS:</u> (*explain):</p>	<p>Mr. Scott Haley received a telephone message from the Essex Health Department, referring a complaint from a Bestland Road (State Route 612) resident. The complainant requested that Mr. Scott Haley evaluate the odor from a land application site late in the day. Mr. Scott Haley arrived at the site at approximately 5:00 PM that day. Odors at the site were observed as moderate, and were detected to the north of the site, along State Route 607 (Jones Bridge Road). No odors detected along complainants road or along the gravel driveway to the complainant's residence.</p> <p>Mr. Scott Haley went to four other residences in the area and no odors were detected at those locations.</p> <p>Before leaving the site at 6:00 PM, Mr. Scott Haley detected slight odors on State Route 612 to the east of the land application site. This odor was likely from odorous compounds becoming concentrated close to the site due to the air temperature approaching the dewpoint.</p> <p>Pete Kilgore, of Maryland Environmental Service had been to the site during application. Ed Taylor (MES) was contacted and visited the site to evaluate odors.</p> <p><u>Information from MES report by Ed Taylor, dated 11/11/2004:</u></p> <p>All site specific information is recorded on daily reports filed by Pete Kilgore with MES.</p> <p>Two initial inspections were performed by Pete Kilgore on 11/3/2004 and 11/8/2004 for material arriving directly from the Arlington Treatment Facility. Arlington biosolids odors were recorded as slight.</p> <p>Both the Arlington and UOSA biosolids were applied at this site.</p> <p>Pete Kilgore was informed at time of application that the applied biosolids would be incorporated by the farmer at a later date.</p> <p>Because MES had been informed that the applied biosolids would be incorporated and there was heavy rainfall predicted for 11/12/2004, Mr. Taylor called Brian Cauthorn of Synagro and requested that incorporation be done as soon as possible preferably on 11/11/04.</p> <p>Brian Cauthorn stated that he believed the application site was a no-till field, but would call the farmer and see if he would disk the field. The farmer stated he did not wish to incorporate the applied biosolids.</p> <p>At the time of Mr. Taylor's inspection the wind was blowing out of the West from five to seven miles per hour directly across Bestland Road right toward several houses, one of which was the complainant. Mr. Taylor observed that the odor level was stronger than slight. (Closer to moderate).</p> <p>Olfactometer readings were recorded at a 2 dilution threshold (D/T) on Bestland Road at 11:10 am on 11/11/2004.</p> <p>Restrictions on surface application of the odorous sources would be necessary for no-till application sites.</p>
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